

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of the claims in the application.

Listing of Claims

1. (currently amended) ~~A~~ An agricultural composition formed by mixing comprising (a) an acid ~~with~~ and (b) one or more phosphonic compounds, wherein said acid is selected from the group consisting of hydrochloric, ~~muratic~~, nitric, phosphoric, phosphorus, poly phosphoric, and perchloric and wherein said phosphonic compounds are selected from the group consisting of (2-chloroethyl)phosphonic acid and salts of (2-chloroethyl)phosphonic acid, wherein said phosphonic compound(s) is co-formulated with said acid prior to direct application by spraying.

2. (currently amended) A method for increasing the efficiency and efficacy of a phosphonic compounds in controlling vegetation, the method comprising the step of applying to the vegetation a composition ~~formed by mixing comprising~~ comprising an acid selected from the group consisting of hydrochloric acid, ~~muratic acid~~, nitric acid, phosphoric acid, phosphorus acid, polyphosphoric acid, and perchloric acid ~~with~~ and one or more phosphonic compounds, wherein said phosphonic compound(s) is co-formulated with said acid prior to direct application to said vegetation by spraying.

3. (original) The method of claim 2 where the defoliation efficiency of the compound is increased.

4. (original) The method of claim 2 where the plant growth regulator efficiency of the compound is increased.

5. (original) The method of claim 2 where the growth inhibition efficiency of the compound is increased.
6. (original) The method of claim 2 where the vegetation is cotton and the boll opening efficiency of the compound is increased.
7. (original) The method of claim 2 where the vegetation is cotton and the defoliation efficiency of the compound is increased.
8. (original) The method of claim 2 where the plant height stunting efficiency of the compound is increased.
9. (original) The method of claim 2 where 2% volume to volume of the acid is applied with phosphonic compounds to the target plant which includes: apples, barley, blackberries, bromeliads, cantaloupes, cherries, coffee, cotton, cranberries, cucumbers, figs, filberts, grapes, guava, lemons, Macadamia nuts, ornamentals, peppers, pineapples, rye, squash, tangerines, tangerine hybrids, tobacco, tomatoes, walnuts, wheat, rape, corn, flax, maize, oranges, peaches, rubber, and sugarcane.
10. (new) The composition of claim 1 having a pH between 1 and 3.
11. (new) The method of claim 2 having a pH between 1 and 3.
12. (new) An agricultural composition comprising phosphoric acid and one or more phosphonic compounds, wherein said phosphonic compounds are selected from the group consisting of (2-chloroethyl)phosphonic acid and salts of (2-chloroethyl)phosphonic acid, and

wherein said phosphonic compound(s) is co-formulated with said phosphoric acid prior to direct application by spraying.

13. (new) The composition of claim 12 wherein the phosphonic compound is (2-chloroethyl)phosphonic acid (ethephon).

14. (new) A method for increasing the efficiency and efficacy of phosphonic compounds in controlling vegetation, the method comprising the step of applying to the vegetation a composition comprising phosphoric acid and one or more phosphonic compounds, wherein said phosphonic compound(s) is co-formulated with said phosphoric acid prior to direct application to said vegetation by spraying.

15. (new) The method of claim 14 wherein the phosphonic compound is (2-chloroethyl)phosphonic acid (ethephon).